

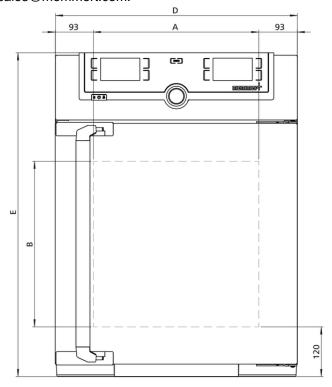
Incubator Im

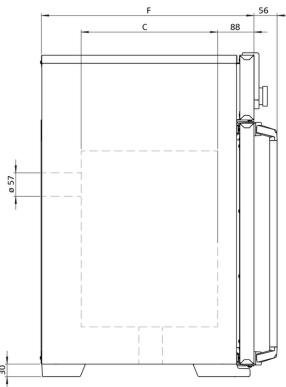
IN55mplus

The incubator Im is a Class I medical device.



The heating of this incubator is optimally tuned for natural convection and valuable chamber loads for research, pharmaceutics, medicine and food chemistry are warmed up very carefully. On this page, you can find all the essential technical data on our incubator. Our customer relations team will be pleased to help if you want further information. If you should require a customised special solution, please contact our technical specialists at sales@memmert.com.





Setting temperature range at least 5 above ambient temperature to +80 °C Setting accuracy temperature (and temperature) Temperature sensor 2 PT100 sensors DIN Class A in 4-wire-circuit for mutual monitoring, taking over functions in case of an error Control technology Control COCKPIT TwinDISPLAY, Adaptive mutitunctional digital PID-microprocessor controller with 2 high-definition TFT-colour displays. Language setting German, English, Spanish, French, Polish, Czech, Hungarian Timer Digital backwards counter with target time setting, adjustable from 1 minute to 99 days Function HeatBALANCE adapting the distribution of the heating performance of the upper and lower heating circuit from -50 % to +50 %. Function SetpointWAIT the process time does not start until the set temperature is reached Calibration three freely selectable temperature values adjustable parameters temperature (Celsius or Fabrenheit), air flap position, programme time, time zones, summerime/wintertime Sterillisation fixed sterillisation programme (4 hours/180°C) for sterilisation of working chamber, not for sterilising me load Vent vent connection with restrictor flap Communication Documentation programme stored in case of power failure Programming AtmoCONTROL, software on a USB stick for programming, managing and transferring programmes via Ethernet interface or USB port Safety Temperature control coversion class 3.1 or adjustable temperature limiter TWB, protection class 3. selectable temperature monitor TWW, protection class 3.1 or adjustable temperature, heating is switched of in case of overhorearm in case of over- or undertemperature, heating is switched of in case of overhorearm in case of over- or undertemperature, heating is switched of in case of overhorearm in case of over- or undertemperature, heating is switched of in case of overhorearm in case of over- or undertemperature, heating is switched of in case of overhorearm in case of over- or undertemperature, heating is switched of in case of overhorearm in case of over- or u	Temperature	
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value at a preset tolerance range, alarm in case of over- or undertemperature, heating is switched off in case of overtemperature Autodiagnostic system for fault analysis	Temperature control	
<u> </u>	AutoSAFETY	value at a preset tolerance range, alarm in case of over- or undertemperature, heating is switched off
Alarm visual and acoustic	Autodiagnostic system	for fault analysis
	Alarm	visual and acoustic

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Door	fully insulated stainless steel door with 2-point locking (compression door lock)
Internals	1 stainless steel grid(s), electropolished
Works calibration certificate	incl. works calibration certificate for +37°C
Door	inner glass door

Stainless steel interior

Interior	easy-to-clean interior,made of stainless steel, reinforced by deep drawn ribbing with integrated and protected large-area heating on four sides
Volume	53
Dimensions	w _(A) x h _(B) x d _(C) : 400 x 400 x 330 mm
Max. number of internals	4
Max. loading of chamber	80 kg
Max. loading per internal	20 kg

Textured stainless steel casing

Dimensions	$w_{(D)} \times h_{(E)} \times d_{(F)}$: 585 x 784 x 514 mm (d +56mm door handle)
Housing	rear zinc-plated steel

Electrical data

Voltage	230 V, 50/60 Hz
Electrical load	approx. 1000 W
Voltage	115 V, 50/60 Hz
Electrical load	approx. 900 W

Ambient conditions

Overvoltage category Pollution degree	max. 80 %, non-condensing
Ambient temperature	+5 °C to +40 °C
Altitude of installation	max. 2,000 m above sea level
Set Up	The distance between the wall and the rear of the appliance must be at least 15 cm. The clearance from the ceiling must not be less than 20 cm and the side clearance from walls or nearby appliances must not be less than 5 cm.

Packing/shipping data

Transport information	The appliances must be transported upright
Customs tariff number	8419 8998
Country of origin	Federal Republic of Germany
WEEE-RegNo.	DE 66812464
Dimensions approx incl. carton	w x h x d: 730 x 950 x 670 mm
Net weight	approx. 57 kg
Gross weight carton	approx. 76 kg

Standard units are safety-approved and bear the test marks







